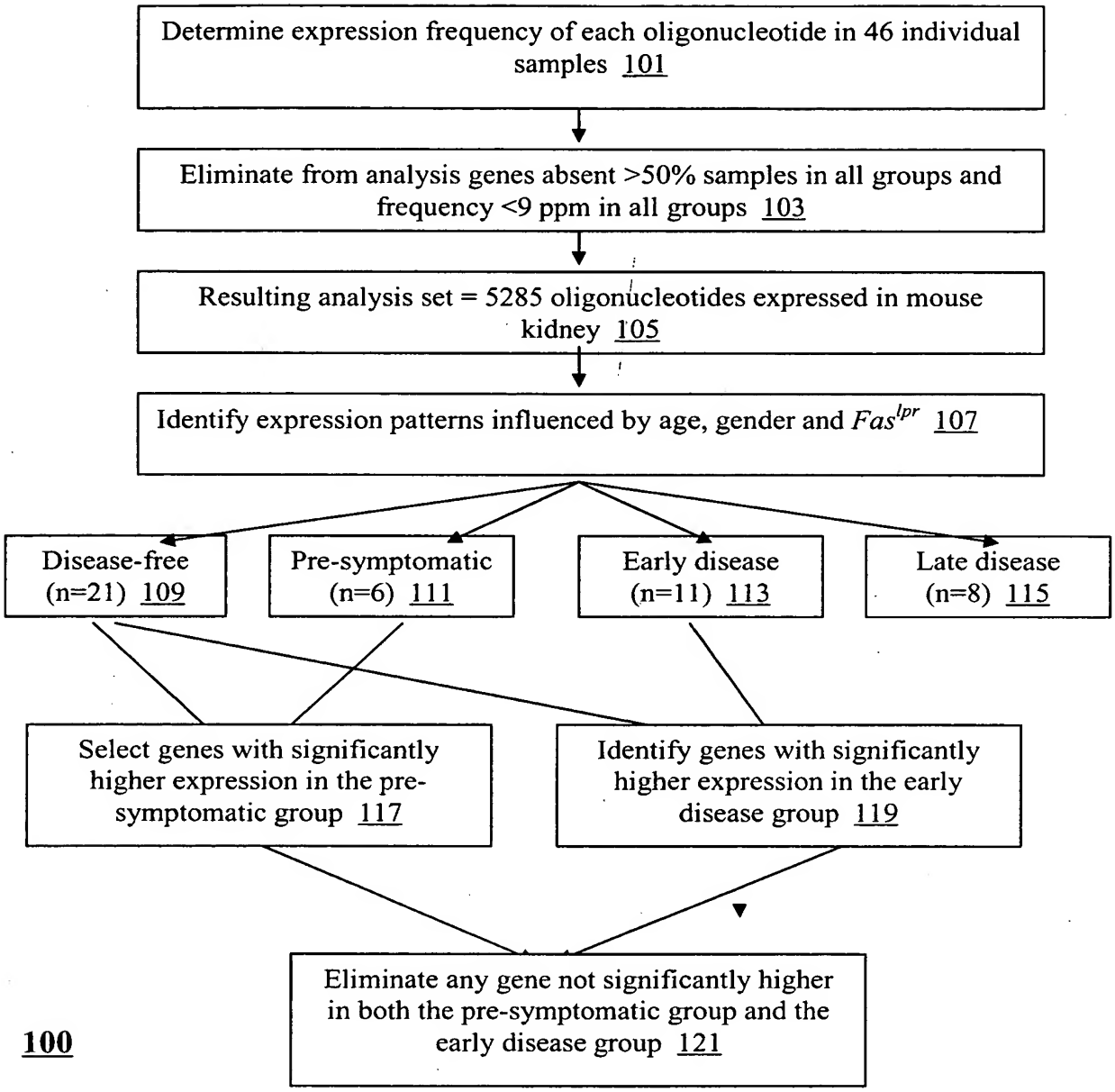
Determine expression frequency of each oligonucleotide in 46 individual samples 101
Eliminate from analysis genes absent >50% samples in all groups and frequency <9 ppm in all groups 103
Resulting analysis set = 5285 oligonucleotides expressed in mouse kidney 105
Identify expression patterns influenced by age, gender and Fas^lpr 107
Disease-free (n=21) 109
Pre-symptomatic (n=6) 111
Early disease (n=11) 113
Late disease (n=8) 115
Select genes with significantly higher expression in the pre-symptomatic group 117
Identify genes with significantly higher expression in the early disease group 119
Eliminate any gene not significantly higher in both the pre-symptomatic group and the early disease group 121
100

FIG. 1